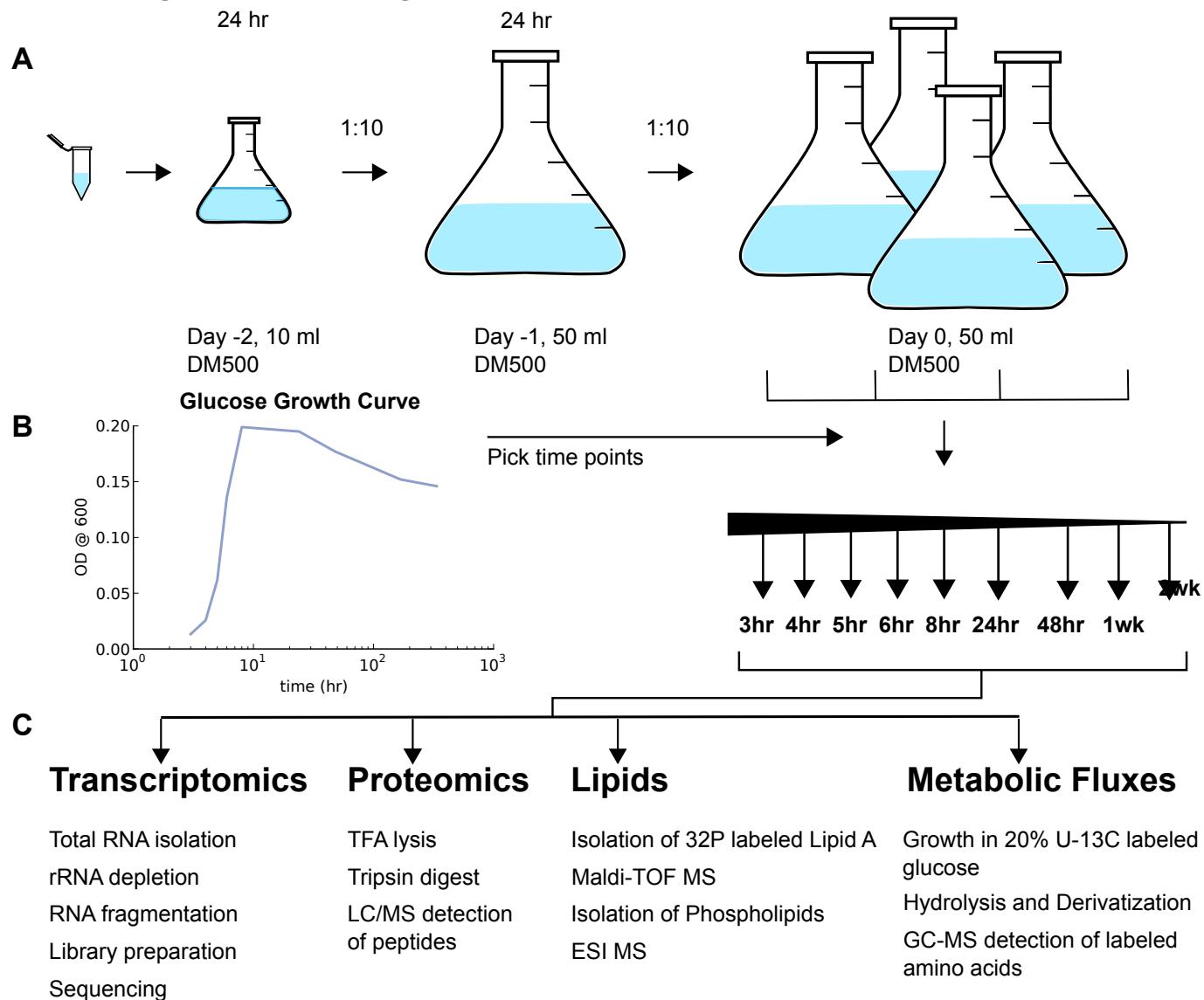
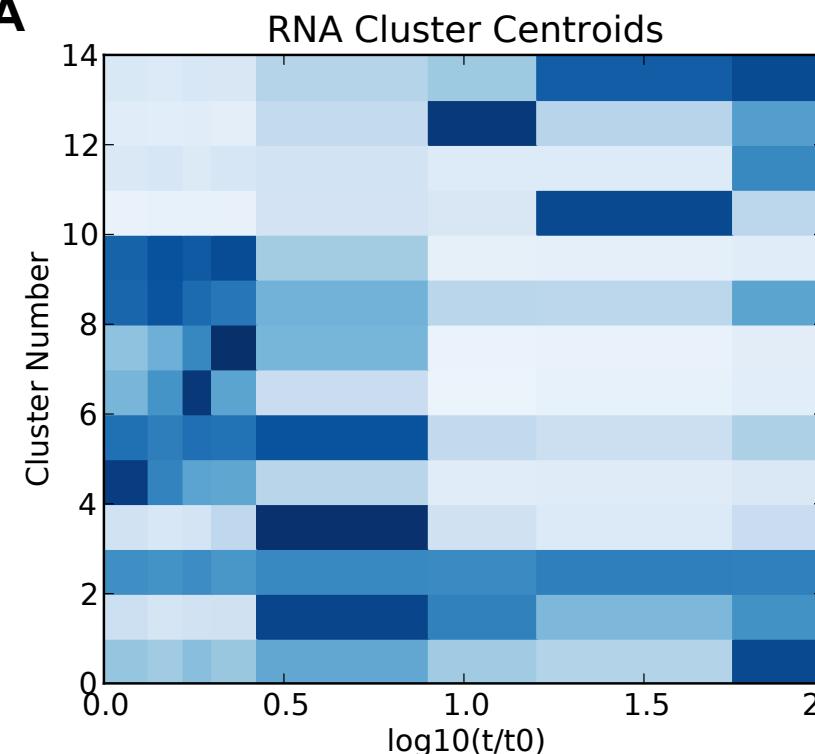
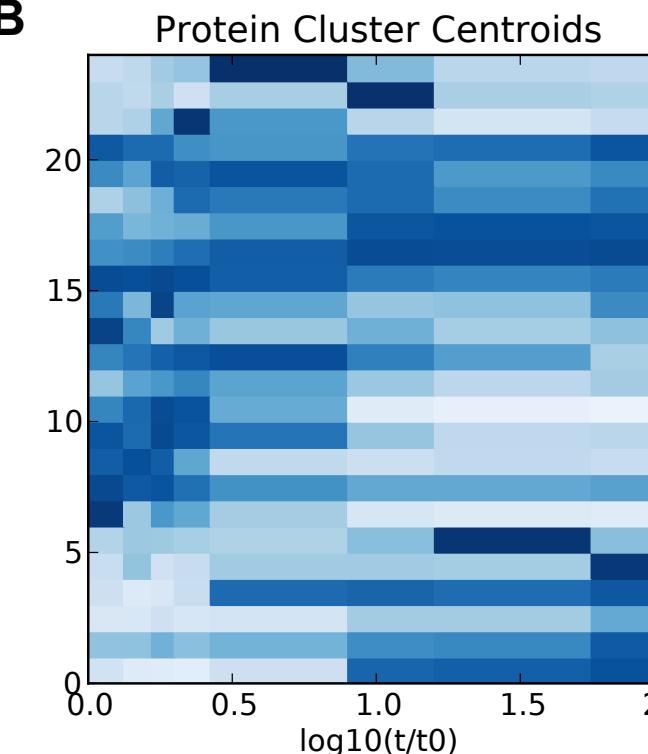
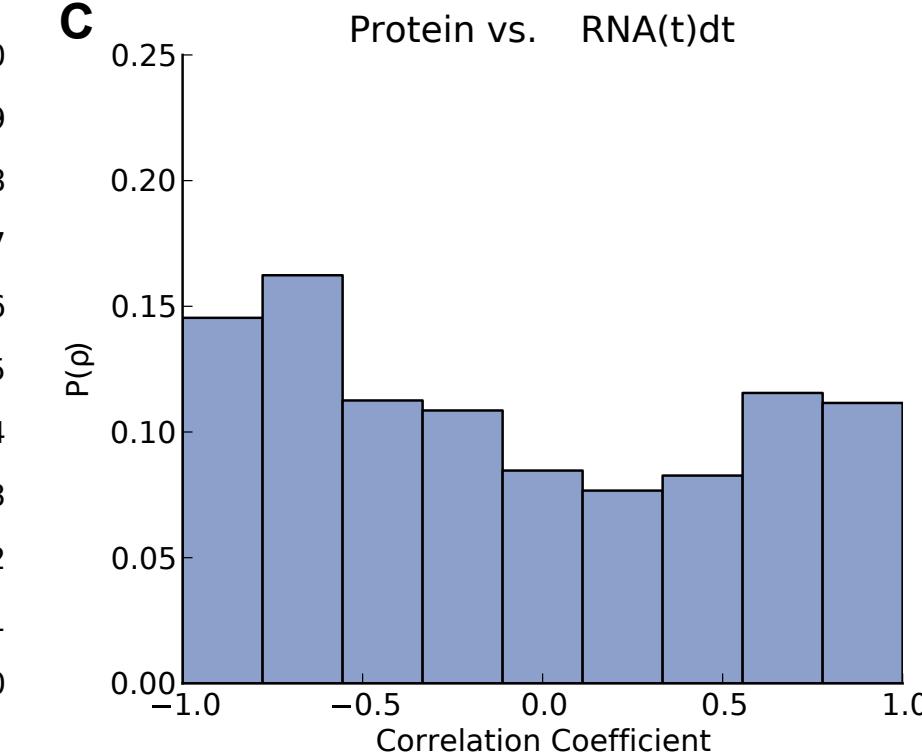
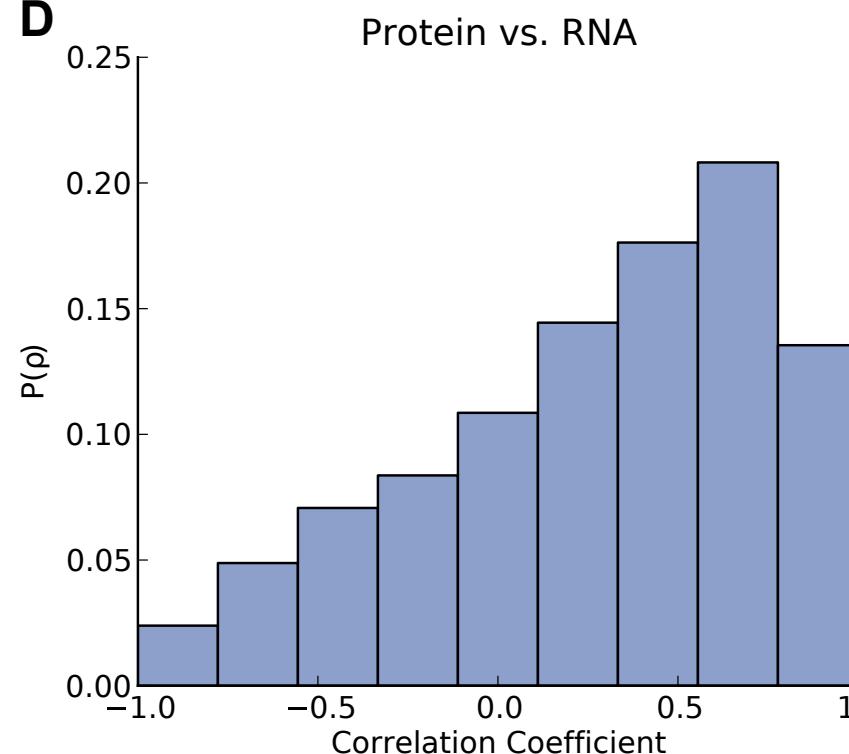
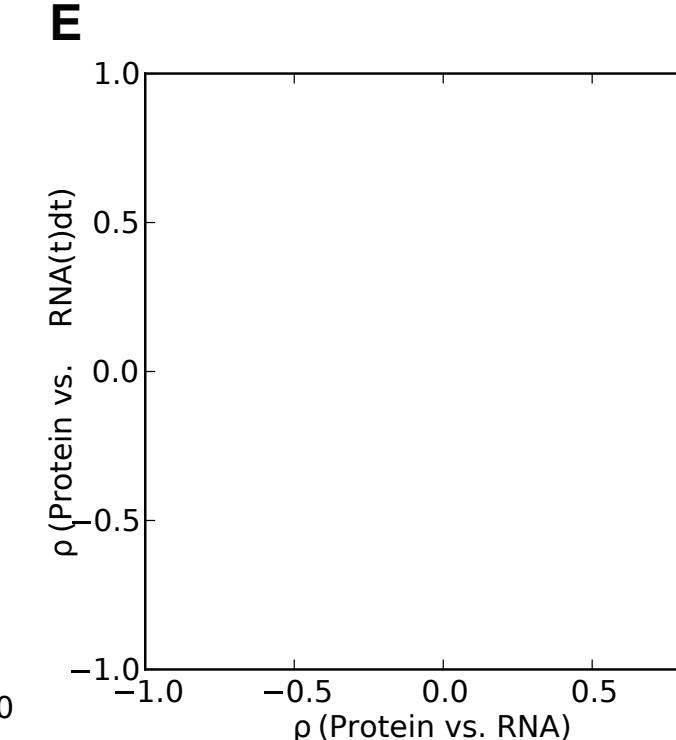
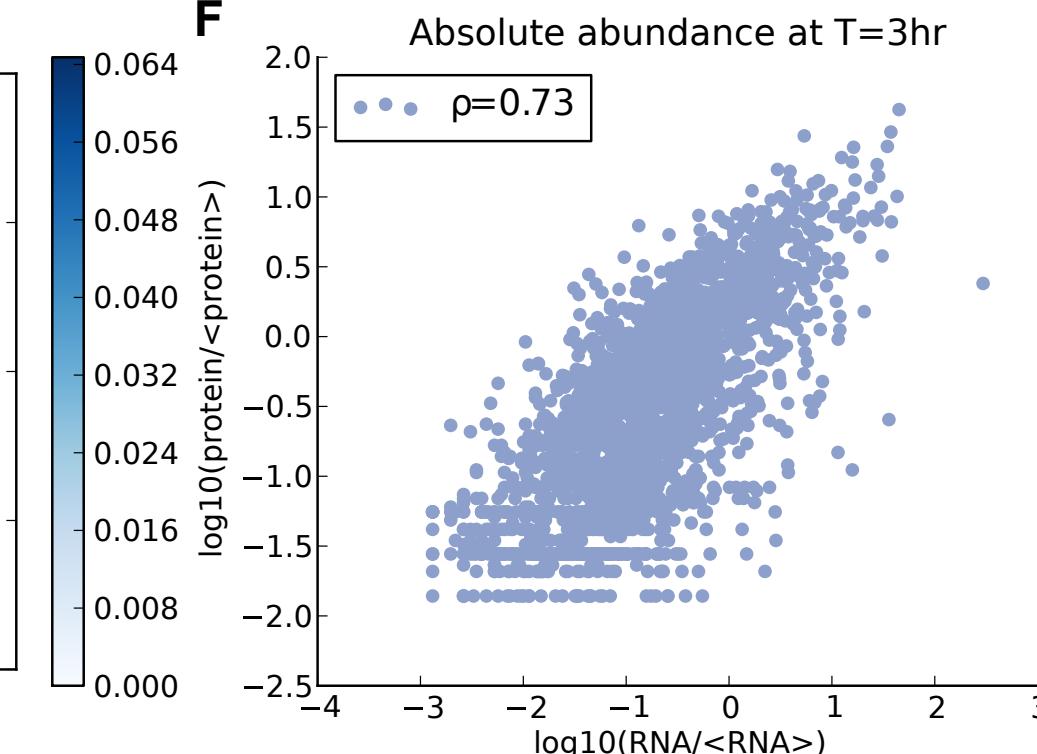
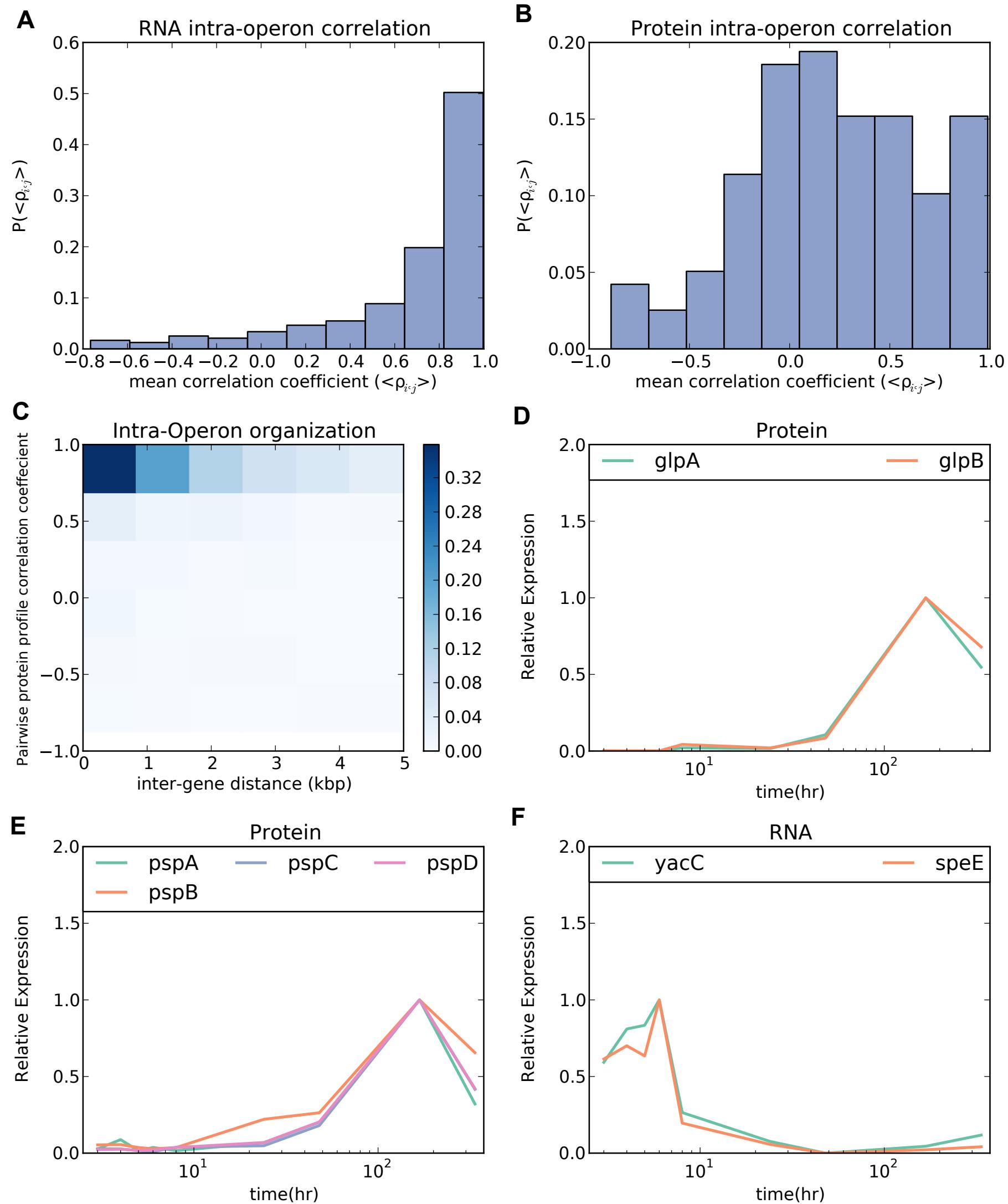


# Figure 1

## Glucose growth and long-term starvation and multiplexed data aquistion



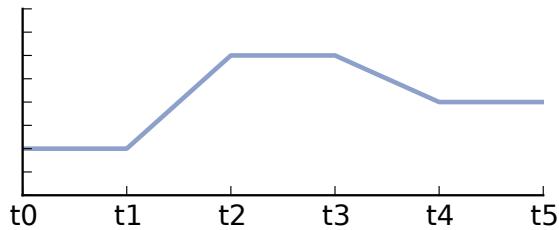
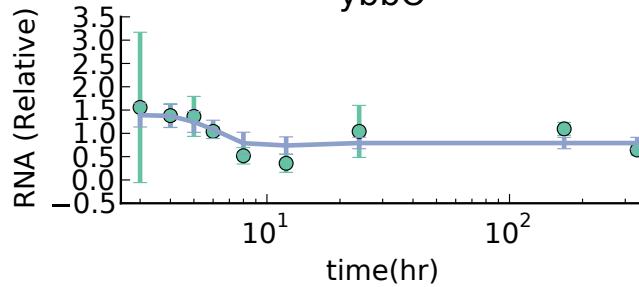
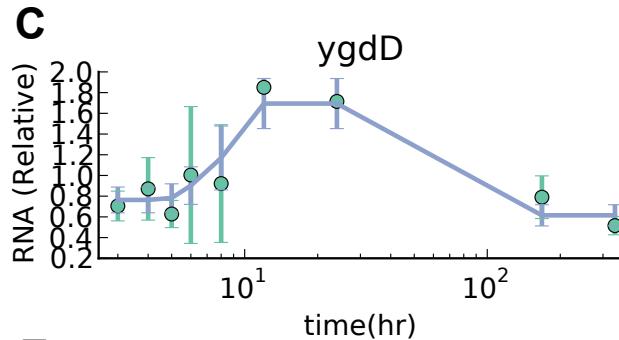
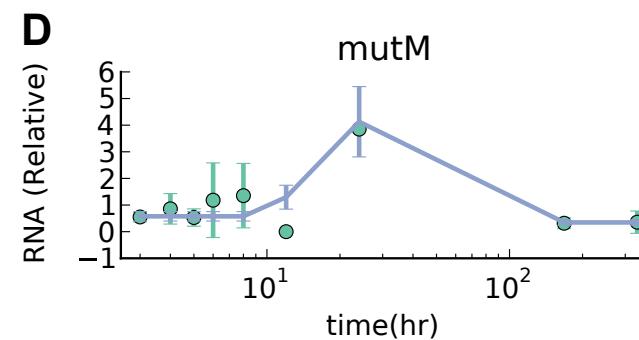
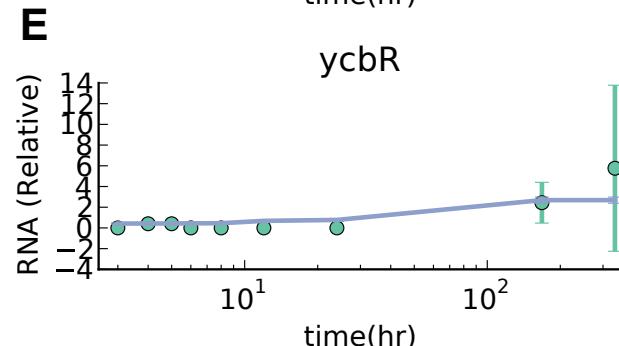
**Figure 2****A****B****C****D****E****F**

**Figure 3**

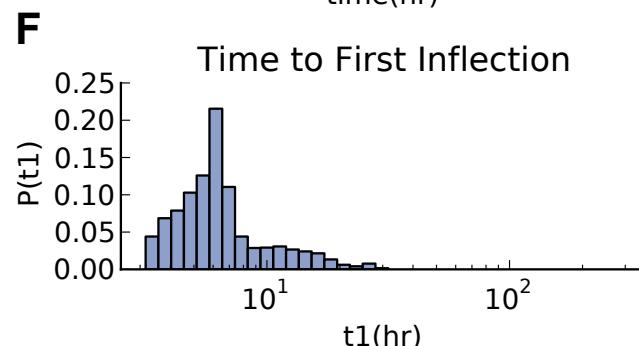
# Figure 4

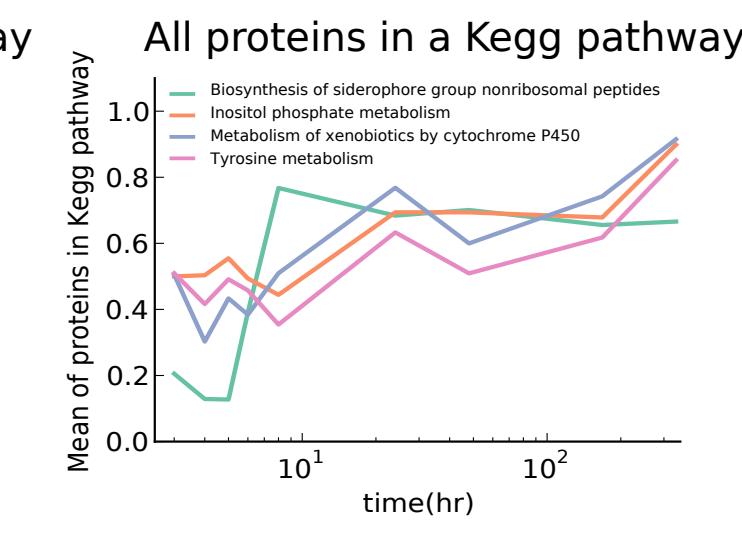
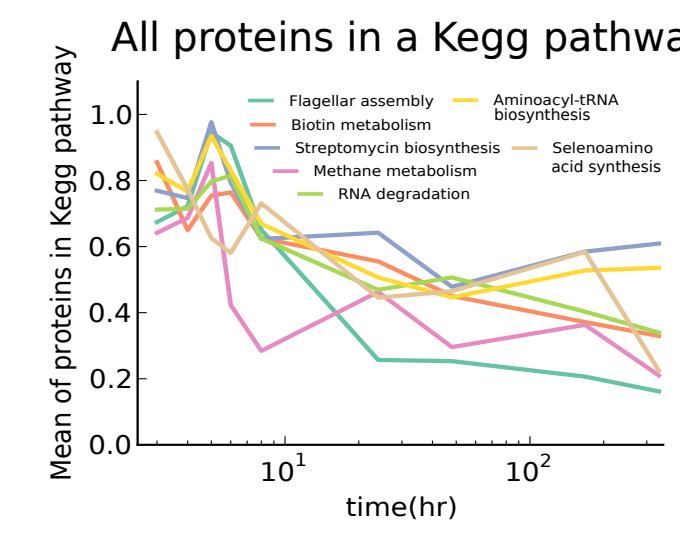
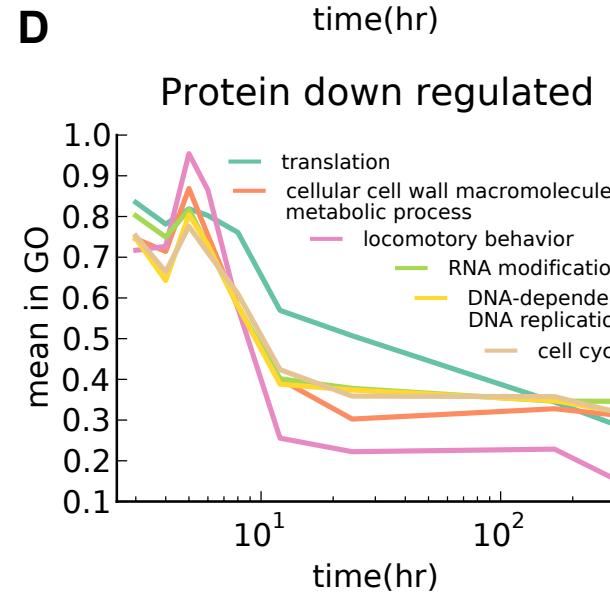
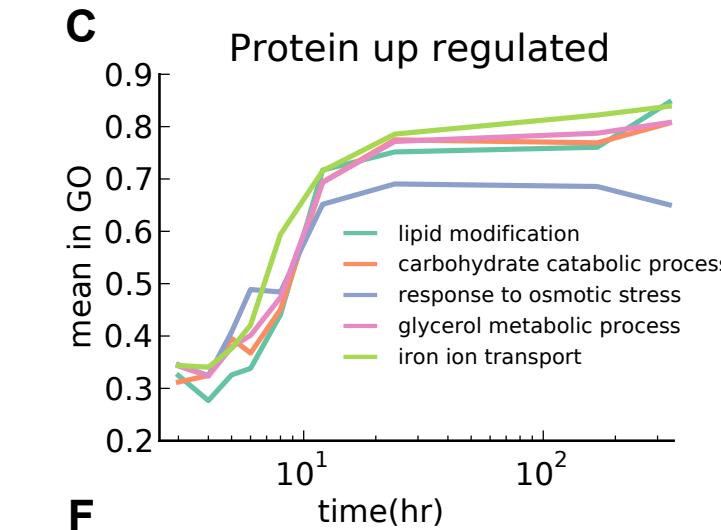
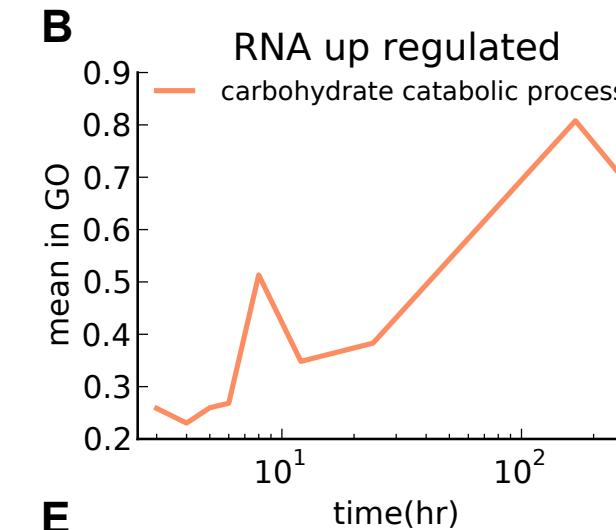
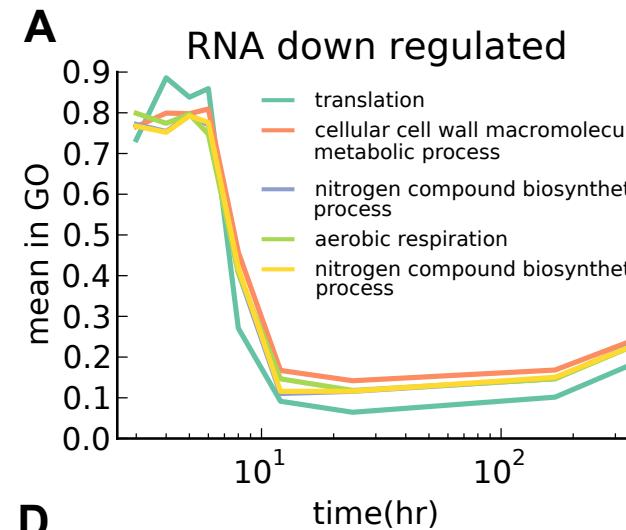
**A**

Function to Fit

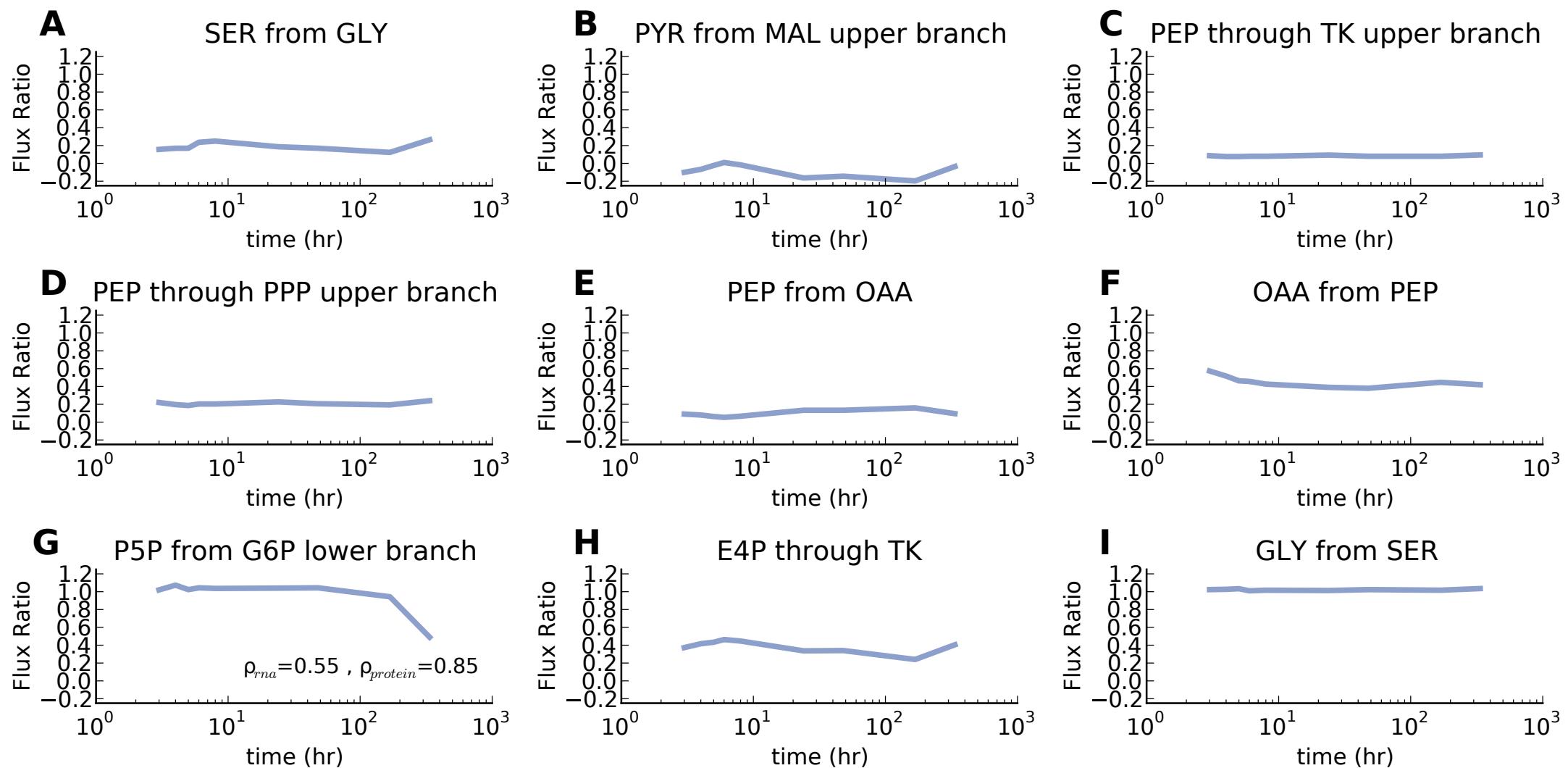
**B***ybbO***C***ygdD***D***mutM***E***ycbR***F**

Time to First Inflection

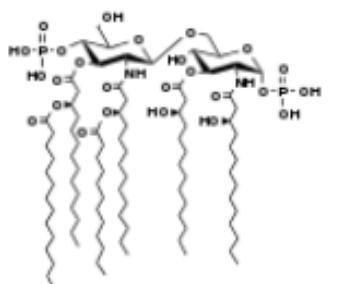


**Figure 5**

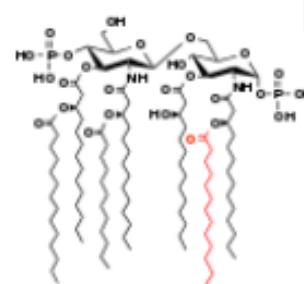
# Figure 6



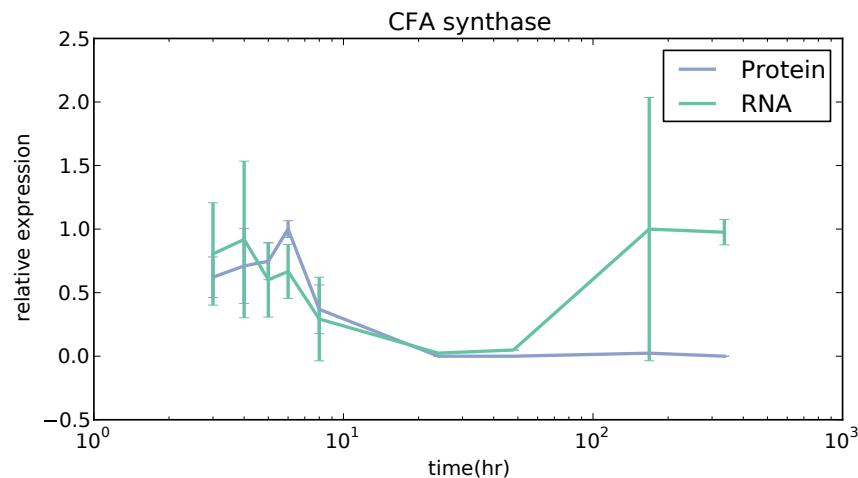
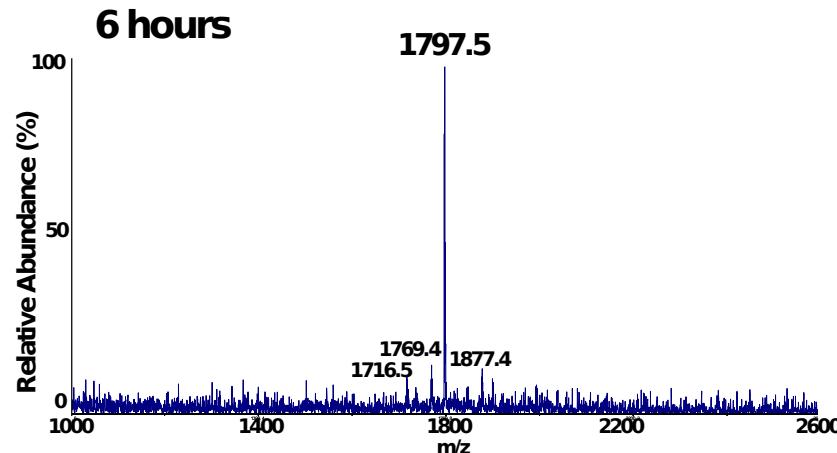
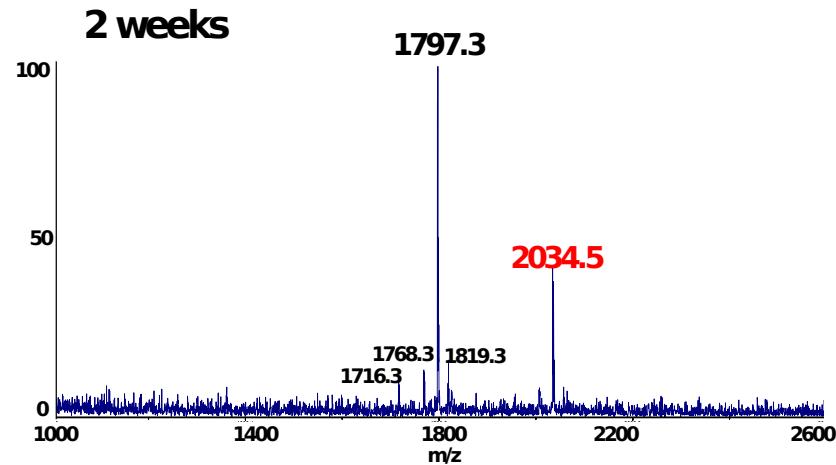
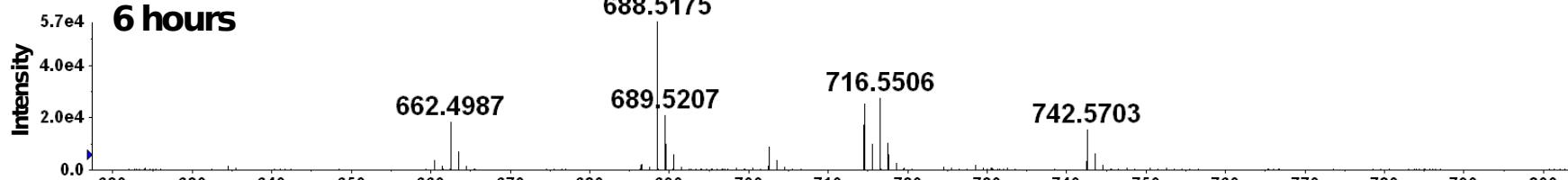
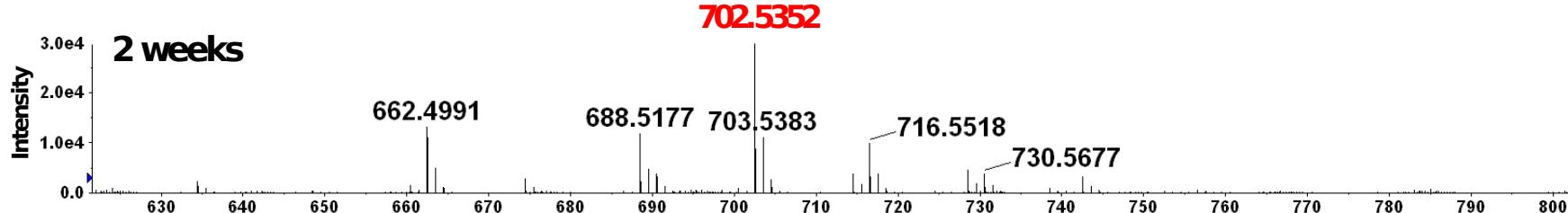
# Figure 8

**A**

Exact mass: 1797.2



Exact mass: 2035.5

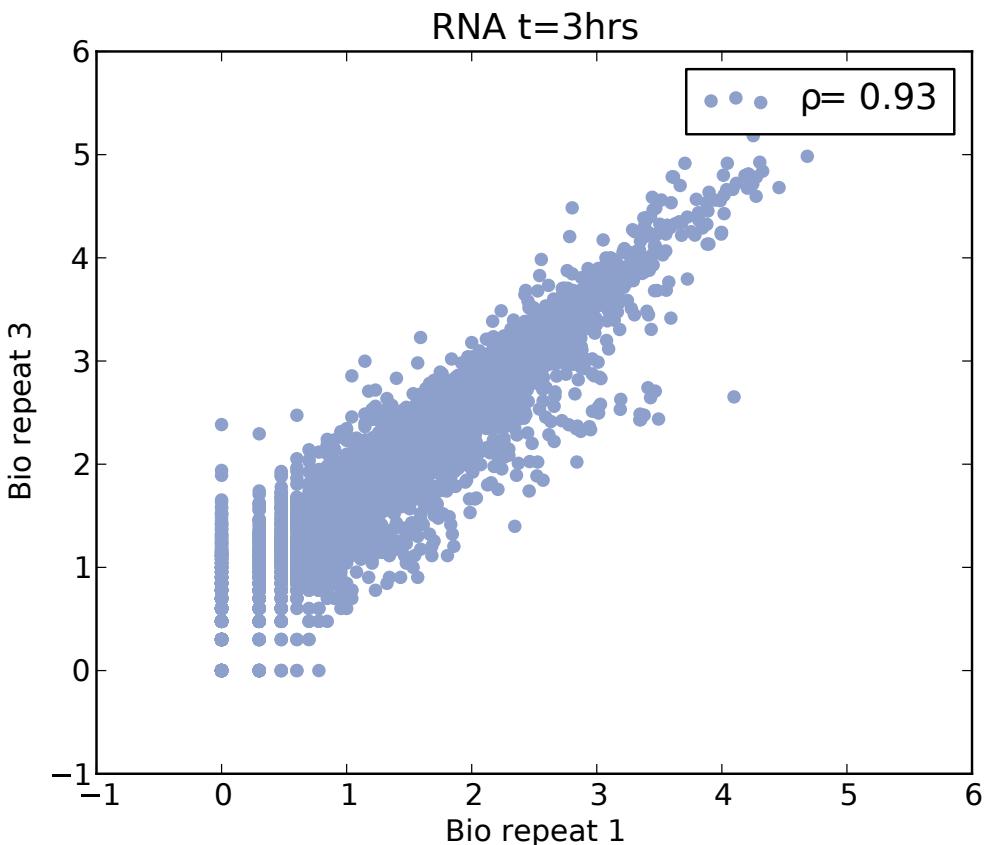
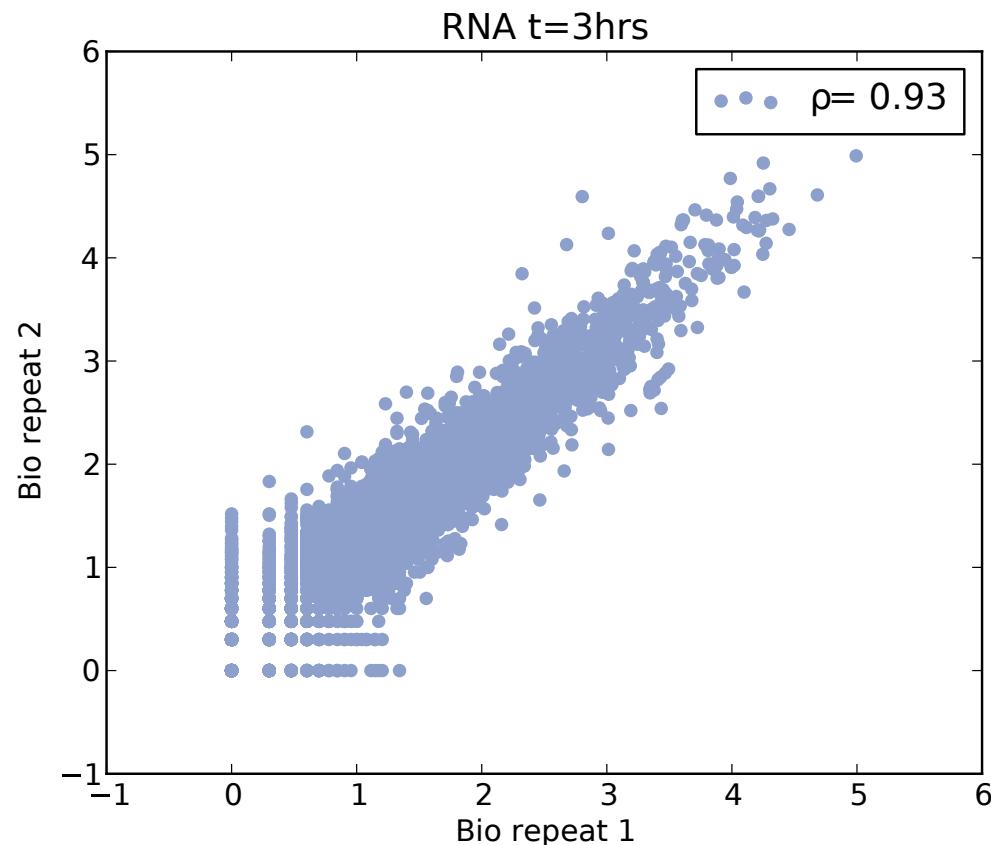
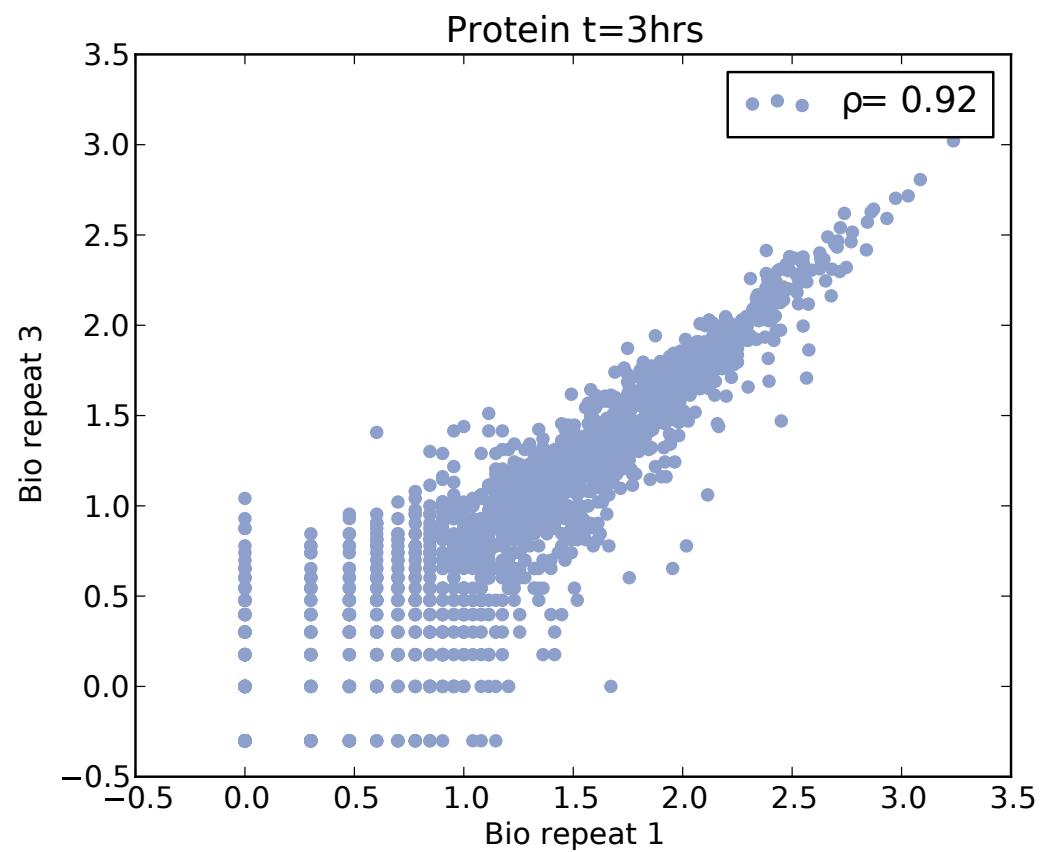
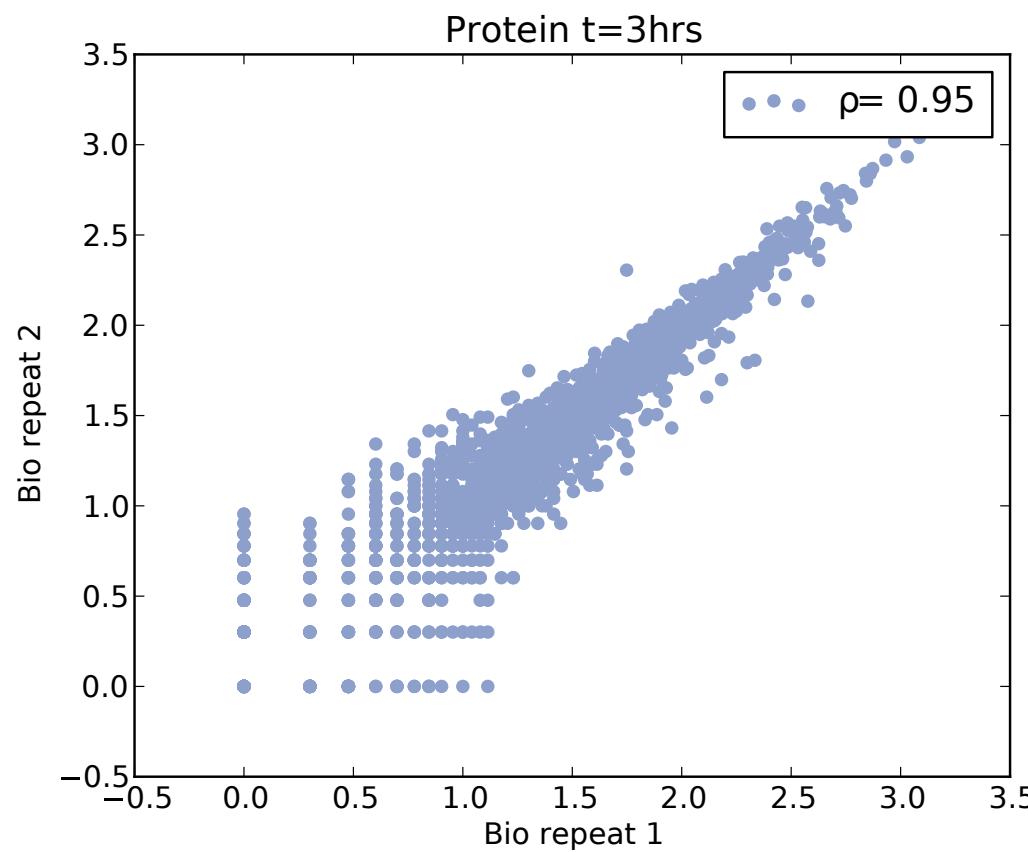
**B****C****2 weeks****D****2 weeks**

**Table 1**

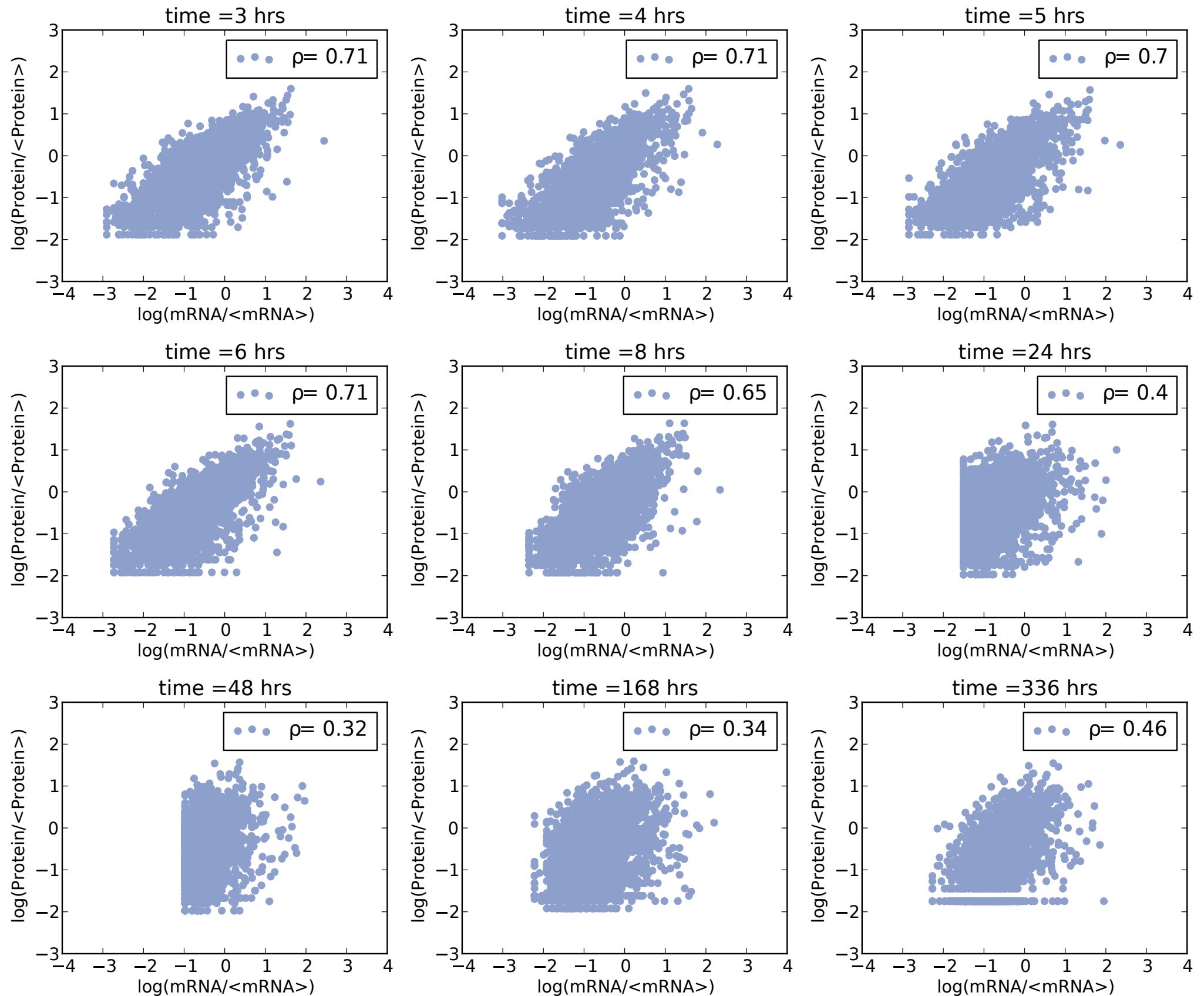
Publication	N proteins found	Cutoff	Method	#RNAs	Cutoff	Method
This study	2648 *(at 3hrs)	FDR<1%	Shotgun MS	4116 genes, 89 sRNA, 85 tRNA (at 3hrs)	?	RNA-seq
Yoon et al. 2012	60	fold change>2	2-D gel	4144 gene probes (REL606 strain)	NA	Microarray
Taniguchi et al.i 2012	1018	NA	YFP fusion	137	95% confidence	FISH
Lewis et al. 2010	~1,000	P-value<0.05	Shotgun MS			
Lewis et al. 2009				4428 gene probes	NA	Microarray
Soares et al. 2013	2053*	FDR<1%	SILAC			
Wisniewski and Rakus, 2014	2200	FDR<1%	FASP			
Raghavan et al. 2011				Genes: 4161, 133 sRNA	%region mapped ≥50%	RNA-seq

\*The criteria that Soares et al. use for a protein being observed is that it appear in at least 1 of 2 biological repeats. We use a criteria that it appear in 1 of 3 biological repeats.

# Figure 1- supplemental figure 1



## Figure 2 - supplemental figure 1



# Figure 4- supplemental figure 1

